

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1. (Currently Amended) A method of treating ~~the~~ incineration ash and ~~the~~ wastewater sludge, wherein a mutual relation in using nutrients exists between the incineration ash containing ~~the~~ heavy metal and ~~the~~ organic wastes containing the wastewater sludge and sulfate-reducing bacteria, comprising the steps of:

burying the incineration ash together with the organic wastes under the ground, ~~in which~~ whereby the bacteria ~~reduce~~ reduces the sulfates existing in the incineration ash to form ~~the~~ sulfides;

binding the formed sulfides with the heavy metal to form ~~the~~ insoluble metal sulfides, ~~in order to~~ thereby prevent preventing the heavy metal from exuding out of the incineration ash as ~~the~~ an eluate.

2. (Currently Amended) The method for treatment of the incineration ash and the wastewater sludge as claimed in claim 1, ~~characterized in that~~ wherein the said organic wastes comprise ~~the~~ sewage sludge containing the said sulfate-reducing bacteria.

3. (Currently Amended) A method for the treatment of ~~the~~ incineration ash and ~~the~~ wastewater sludge, comprising: burying the incineration ash containing heavy metal together with ~~the~~ organic wastes containing ~~the~~ sulfate-reducing bacteria under the ground as an accumulation, and covering them with a depth of soil, so that ~~the~~ said sulfate-reducing bacteria ~~promote~~ promotes the heavy metal to precipitate in the form of dissoluble metal sulfides, ~~in order to prevent~~ whereby the heavy metal is provided from exuding out of the incineration ash as ~~the~~ an eluate.

4. (Currently Amended) The method for the treatment of the incineration ash and the wastewater sludge as claimed in claim 3, ~~characterized in that~~ comprising two or more unit stages of the buried accumulation, each of which includes the incineration ash and the organic wastes containing the sulfate-reducing bacteria, ~~are~~ said accumulations being constructed in a predetermined pattern of arrangement, and the ~~layer~~ depth of covering soil ~~forms~~ forming a barrier which defines ~~the~~ a boundary between ~~the~~ said unit stages of ~~the~~ buried accumulation.

5. (Currently Amended) The method for treatment of the incineration ash and the wastewater sludge as claimed in claims 3 or 4, ~~characterized in that~~ the wherein said organic wastes comprise ~~the~~ sewage sludge containing the said sulfate-reducing bacteria.

6. (Currently Amended) A method for the treatment of ~~the~~ incineration ash and ~~the~~ wastewater sludge, which comprising the steps:

collecting and mixing ~~the~~ aqueous eluate ~~exuding~~ exuded ~~out of~~ from the incineration ash and ~~the~~ aqueous eluate ~~exuding~~ exuded ~~out of the~~ from organic waste containing ~~the said~~ sulfate-reducing bacteria, in a disposal plant; and

reacting both of the aqueous elutes so that the ~~said~~ sulfate-reducing bacteria existing in the aqueous eluate ~~exuding out of the~~ exuded from organic waste containing ~~the said~~ sulfate-reducing bacteria, in a disposal plant; and

reacting both of the aqueous elutes so that the ~~said~~ sulfate-reducing bacteria existing in the aqueous eluate ~~exuding out of~~ exuded from the organic waste deposits ~~the~~ heavy metals from the aqueous eluate ~~exuding out of~~ exuded from the incineration ash as the insoluble metal sulfides, which results in the disposal of the aqueous eluate ~~exuding out of~~ exuded from the incineration ash and the aqueous eluate ~~exuding out of~~ exuded from the organic waste.

7. (CANCELLED)

8. (Currently Amended) The method for the treatment of the incineration ash and the wastewater sludge as claimed in claim 6, ~~characterized in that~~ wherein the ~~said~~ organic wastes comprises the sewage wastewater sludge containing ~~the~~ said sulfate-reducing bacteria.